

HI718

Iodine

Handheld Colorimeter

- **Easier to use and more accurate than chemical test kits**
 - DPD method
 - $\pm 0.1 \text{ ppm} \pm 5\%$ of reading accuracy
 - Large, easy-to-read digits
 - Auto shut-off
- **Dedicated to a single parameter**
 - Designed to work with Hanna's powder reagents
- **Small size, big convenience**
 - Weighing a mere 64 g (2.25 oz.), the Checker®HC easily fits into the palm of your hand or pocket
 - Quick and accurate on-the-spot analysis
 - Single-button operation: zero and measure
- **Ideal for:**
 - Swimming pools and spas
 - Industrial processes and disinfection

Iodine is sometimes used as a disinfectant for swimming pools, spas and potable water. It has also found use as a disinfectant in the poultry industry. The rapid determination of iodine is required for adequate control of this bactericide.

The Hanna Checker®HC bridges the gap between simple chemical test kits and professional instrumentation. Chemical test kits are not very accurate and only give 5 to 10 of points resolution, while professional instrumentation can cost hundreds of dollars and can be time-consuming to calibrate and maintain. The HI718 Checker HC is both accurate and affordable.

The HI718 Checker HC portable handheld colorimeter features a resolution of 0.1 ppm and accuracy of $\pm 0.1 \text{ ppm} \pm 5\%$ of reading. This Checker HC uses a modification of the DPD method used for residual chlorine.

The contoured style of this Checker HC fits in your palm or pocket perfectly and the large LCD is easy to read. The auto shut-off feature assures the battery life will not be drained if you forget to turn it off.



Specifications

HI718

Range	0.0 to 12.5 ppm (as I ₂)
Resolution	0.1 ppm
Accuracy	$\pm 0.1 \text{ ppm} \pm 5\%$ of reading @ 25 °C (77 °F)
Light Source	Light Emitting Diode @ 525 nm
Light Detector	Silicon photocell
Method	Adaptation of the Standard Methods for the Examination of Water and Wastewater, 18th Edition, Periodate Method. The reaction between iodine and the reagent causes a pink tint in the sample.
Environment	0 to 50 °C (32 to 122 °F); max. 95% RH non-condensing
Battery Type	1.5V AAA Alkaline
Auto-off	After 10 minutes of non-use and 2 minutes after reading
Dimensions	86.0 x 61.0 x 37.5 mm (3.4 x 2.4 x 1.5")
Weight	64 g (2.3 oz)
Ordering Information	HI718 Checker®HC is supplied with sample cuvette and cap (2 pcs.), Iodine reagent starter kit (reagents for 6 tests), 1.5V AAA Alkaline battery (1 pc.), and instruction manual.
Reagent Set	HI718-25 Reagents for 25 Iodine tests
Calibration Set	HI718-11 Iodine certified standard kit

See page 10.152 for Checker HC accessories

ติดต่อบริษัท นีโอนิคส์ จำกัด

Tel: 098-479-5684 หรือ 061-8268939

E-mail: sale@tools.in.th เว็บไซต์ www.tools.in.th